

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) same (zeta with potential) and pH and ((high or large) with (viscosity or viscous or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4 or thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:12
L2	36	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) same (zeta with potential) and pH and ((high or large) with (viscosity or viscous or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4 or thick)) and (fluid or liquid or solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:20
L3	1	(phase with shift with mask) with clean\$3 with (fluid or liquid or solution) and (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:23
L4	0	(lithography with mask) with clean\$3 with (fluid or liquid or solution) and (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:23
L5	0	(photoreticle) with clean\$3 with (fluid or liquid or solution) and (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:23
L6	430	(clean\$3 or wash\$3) and (fluid or liquid or solution) and ((viscosity or viscous) with mPa\$2) and (pH adj ("9" or "10" or "11" or "12" or "13" or "14"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:30
L7	68	(clean\$3 or wash\$3) and (fluid or liquid or solution) and ((viscosity or viscous) with (("50" or "200" or "250" or "300") adj mPa\$2)) and (pH adj ("9" or "10" or "11" or "12" or "13" or "14"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:31
L8	0	(clean\$3 or wash\$3) and (fluid or liquid or solution) and ((viscosity or viscous) with (("50" or "200" or "250" or "300") adj mPa\$2)) and (pH adj ("9" or "10" or "11" or "12" or "13" or "14")) and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:55

## EAST Search History

L9	540	toothbrush and (concave or convex)	USPAT	OR	OFF	2007/04/04 10:52
L10	583	toothbrush and (concave or convex)	USPAT	OR	ON	2007/04/04 10:53
L11	109	toothbrush and (concave or convex) and tube	USPAT	OR	ON	2007/04/04 10:53
L12	252	toothbrush and (concave or convex) and tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:53
L13	104	toothbrush and (concave or convex) and tube and toothpaste	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:53
L14	107	(clean\$3 or wash\$3) and (fluid or liquid or solution) and (viscosity or viscous) with applicator and (convex or concave) and force	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:56
L15	37	(clean\$3 or wash\$3) and (fluid or liquid or solution) and (viscosity or viscous) with applicator and (convex or concave) and force and (non with contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:56
L16	41	("2113022"   "2387922"   "2533839"   "2733837"   "3066832").PN. OR ("3741439").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 10:57
L17	2047	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photomask or (phase with shift with mask) or (levenson with mask))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:08
L18	1539	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photomask or (phase with shift with mask) or (levenson with mask)) and (liquid or fluid or solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:08
L19	57	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photomask or (phase with shift with mask) or (levenson with mask)) and (liquid or fluid or solution) and mPa\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:09

## EAST Search History

L20	693	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photomask or (phase with shift with mask) or (levenson with mask)) with (liquid or fluid or solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:09
L21	662	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photomask or (phase with shift with mask) or (levenson with mask)) with (liquid or solution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:32
L22	1	("20010037818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 11:32
S1	323	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:46
S2	5	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:47
S3	9	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:13
S4	643	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:13
S5	695	(zeta with potential) and (liquid or fluid) and pH and (viscous or viscosity) and substrate and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:14
S6	11	(zeta with potential) and (liquid or fluid) and pH and (viscous or viscosity) and substrate and (clean\$3 or wash\$3) and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:14
S7	12	(zeta with potential) and pH and (viscous or viscosity) and substrate and (clean\$3 or wash\$3) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:14

## EAST Search History

S8	729	(zeta with potential) and pH and (viscous or viscosity) and substrate and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:15
S9	32	(zeta with potential) and pH and (viscous or viscosity).ab. and substrate and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:19
S10	1	("6676766").PN.	USPAT; USOCR	OR	OFF	2007/04/01 22:19
S11	5	("5009240"   "5035750"   "5081068"   "5147466").PN. OR ("6676766").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/01 22:19
S12	113	(liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/01 22:20
S13	13542	((zeta near2 potential) or electrostatic\$4 or charge\$1 or adhesion) and (liquid or fluid) and pH and ((polyoxyethylene with akyl with ether) or viscosity or viscous or (surface with tension) or (low with flow\$3) or (shear\$3 with stress) or suspend\$3 or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:34
S14	12	(polyoxyethylene with akyl with ether)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 16:21
S15	4	(polyoxyethylene with akyl with ether) and visco\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:14

## EAST Search History

S16	10632	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and ( viscosity or viscous or (low with flow\$3) or (shear\$3 with stress) or suspend\$3 or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:36
S17	10227	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and ( viscosity or viscous or (shear\$3 with stress) or suspend\$3 or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:48
S18	6847	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and ( viscosity or viscous or (shear\$3 with stress) or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:38

## EAST Search History

S19	239	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and (viscosity or viscous or (shear\$3 with stress) or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer))).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 10:38
S20	67	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and (viscosity or viscous or (shear\$3 with stress) or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer))) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 12:48
S21	15	("20020016272"   "20020055660"   "20020115022"   "4833067"   "5650543"   "5756267"   "5948464"   "5977041"   "6152148"   "6261466"   "6261745"   "6313182"   "6455234"   "6641986"   "6670107").PN. OR ("7129199").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 10:45
S22	1	("7129199").PN.	USPAT; USOCR	OR	OFF	2007/04/02 12:48
S23	15	("20020016272"   "20020055660"   "20020115022"   "4833067"   "5650543"   "5756267"   "5948464"   "5977041"   "6152148"   "6261466"   "6261745"   "6313182"   "6455234"   "6641986"   "6670107").PN. OR ("7129199").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 12:49

## EAST Search History

S24	16	("20010021478"   "20020055660"   "20020077259"   "20020106589"   "4374920"   "4833067"   "5064749"   "5098478"   "5650543"   "5756267"   "5977041"   "6261745"   "6284718"   "6313182").PN. OR ("6641986").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 15:25
S25	0	("(clean\$3orwash\$3)and(fluidorliquid)and(viscosityorviscous)andmPa").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/02 15:26
S26	8354	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) and mPa	USPAT	OR	ON	2007/04/02 15:26
S27	978	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) and ("50" with mPa)	USPAT	OR	ON	2007/04/02 15:26
S28	315	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) and ("50" adj mPa)	USPAT	OR	ON	2007/04/02 15:27
S29	102	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with ("50" adj mPa)	USPAT	OR	ON	2007/04/02 16:06
S30	0	("7118732").URPN.	USPAT	OR	OFF	2007/04/02 16:00
S31	18	("20020142014"   "4177258"   "4758646"   "5188822"   "5397848"   "5427770"   "5827505"   "6139823"   "6165510"   "6193958"   "6210690"   "6294154"   "6403074"   "6485716"   "6503484"   "6596298"   "6613812"   "6669930").PN. OR ("7118732").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 16:00
S32	58	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with ("400" adj mPa)	USPAT	OR	ON	2007/04/02 16:06
S33	186	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300") adj mPa)	USPAT	OR	ON	2007/04/03 11:48

## EAST Search History

S34	240	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("200" or "300") adj mPa) and ((polymeric near3 glycol) or (ethylene with oxide) or (polyoxyethylene with akyl with ether))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 16:22
S35	240	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("200" or "300") adj mPa) and ((polymeric near3 glycol) or (ethylene with oxide) or (polyoxyethylene with akyl with ether))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 16:22
S36	2	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("200" or "300") adj mPa) and ((polymeric near3 glycol) or (ethylene with oxide) or (polyoxyethylene with akyl with ether)) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 16:23
S37	1	("4117249").PN.	USPAT; USOCR	OR	OFF	2007/04/02 17:15
S38	1	("5922522").PN.	USPAT; USOCR	OR	OFF	2007/04/02 17:16
S39	22	("5030550"   "5106724"   "5122438"   "5217848"   "5340703"   "5364736"   "5368982"   "5393643"   "5457011"   "5573893"   "5576145"   "5595860"   "5609991").PN. OR ("5922522").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 17:17
S40	22	("2106180"   "2163720"   "2250445"   "3268593"   "4117249"   "4374920"   "4833067"   "5069996"   "5098478"   "5562762"   "5650543"   "5747224"   "5753421"   "5756267"   "5922522"   "6261745").PN. OR ("6455234").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 17:18



# EAST Search History

S41	143	("20010003034"   "20010003289"   "20010021577"   "20010051689"   "20020037820"   "20020043644"   "20020106589"   "20020134684"   "20020137357"   "20020139387"   "20020173587"   "20020182241"   "20020182633"   "20030003406"   "20030003762"   "20030004075"   "20030017962"   "20030022800"   "20030078173"   "20030102532"   "20030114014"   "20030117962"   "20030130149"   "20030148910"   "20040029753"   "20040038840"   "20040063042"   "20040245644"   "20050143270"   "20050176603"   "20050202987"   "3979241"   "4582624"   "4613560"   "4803145"   "5080994"   "5175078"   "5286606"   "5317080"   "5320709"   "5466389"   "5556833"   "5630904"   "5750797"   "5753421"   "5792274"   "5855811"   "5905063"   "5939336"   "5955222"   "5962385"   "5965465"   "5972570"   "5972862"   "5976768"   "5981147"   "5981148"   "5981401"   "5985525"   "5994031"   "6007968"   "6014422"   "6017810"   "6030932"   "6033949"   "6033996"   "6044851"   "6057080"   "6066267"   "6087064"   "6087273"   "6090721"   "6100013"   "6114082"   "6136425"   "6147002"   "6147394"   "6150282"   "6177282"   "6180319"   "6184041"   "6190829"   "6197733"   "6200726"   "6210866"   "6214526"   "6218704"   "6221704"   "6224785"   "6232232"   "6232639"   "6245488"   "6248704"   "6254796"   "6255178"   "6261745"   "6265309"   "6277543"   "6280651"   "6284439"   "6306775"   "6310018"   "6313492"   "6323169"   "6326110"   "6340734"   "6361712"   "6368421"   "6372410"   "6372412"   "6372415"   "6383410"   "6383651"   "6391426"   ("6391704"   "6403280"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 17:18
4/4/2007 11:44:45 AM	C:\Documents and Settings\jridgeman\My Documents\EAST\Workspaces\10551135.wsp					Page 9

## EAST Search History

S42	469	(clean\$3 or wash\$3) and (fluid or liquid or agent) with (high with (viscosity or viscous)) with (substrate or wafer or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:48
S43	12	(clean\$3 or wash\$3) with (fluid or liquid or agent) with (high with (viscosity or viscous)) with (substrate or wafer or semiconductor) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:24
S44	0	(clean\$3 or wash\$3) with (fluid or liquid or agent) with (((("200" or "300") near3 mPa) with (viscosity or viscous)) with (substrate or wafer or semiconductor) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:25
S45	0	(clean\$3 or wash\$3) with (fluid or liquid or agent) with (((("200" or "300") near3 mPa) with (viscosity or viscous)) with (substrate or wafer or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:25
S46	6	(clean\$3 or wash\$3) with (fluid or liquid or agent) with (((("200" or "300") near3 mPa) with (viscosity or viscous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:27
S47	12	(clean\$3 or wash\$3) with (((("200" or "300") near3 mPa) with (viscosity or viscous))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:27
S48	8	("2001/0053754").URPN.	USPAT	OR	OFF	2007/04/02 17:34
S49	1	("5650543").PN.	USPAT; USOCR	OR	OFF	2007/04/02 17:34
S50	10	("5650543").URPN.	USPAT	OR	OFF	2007/04/02 17:35
S51	13	("3268593"   "4117249").PN. OR ("5650543").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 17:38
S52	2639	((large or high\$2) with (viscosity or viscous)) and (fluid or liquid) and ((low or small) with (surface near3 tension)) and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:40
S53	2640	((large or high\$2 or (("200" or "300") with mPa)) with (viscosity or viscous)) and (fluid or liquid) and ((low or small) with (surface near3 tension)) and (clean\$3 or wash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:40

## EAST Search History

S54	66	((large or high\$2 or ("200" or "300") with mPa)) with (viscosity or viscous)) and (fluid or liquid) and ((low or small) with (surface near3 tension)) and (clean\$3 or wash\$3) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:43
S55	1631	((large or high\$2 or ("200" or "300") with mPa)) with (viscosity or viscous)) and (fluid or liquid) and ((low or small) with (surface near3 tension)) and (clean\$3 or wash\$3) and (substrate or wafer or semiconductor or photomask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:41
S56	50	((large or high\$2 or ("200" or "300") with mPa)) with (viscosity or viscous)) and (fluid or liquid) and ((low or small) with (surface near3 tension)) and (clean\$3 or wash\$3) and "134".clas. and (substrate or wafer or semiconductor or photomask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/02 17:43
S57	37	("3193499"   "3249550"   "3498922"   "3498923"   "3511708"   "3516938"   "3903012"   "3904430"   "4091826"   "4166305"   "4168714"   "4169807"   "4247330"   "4290896"   "4400288"   "4501682"   "4677178"   "4685930"   "4708807"   "4778532"   "4784799"   "4795840"   "4810253"   "4960533"   "4985155"   "5055138"   "5080824"   "5183067").PN. OR ("5741367").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/02 17:46
S58	1	("20060151008").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:33

## EAST Search History

S59	374973	(polymeric near2 glycol) or (polyethylene near2 glycol) or (polypropylene near2 glycol) or (ethylene near2 oxide) or (propylene near2 additive) or (polyatomic near2 alcohol) or (polyoxyethylene adj alkyl adj ether) or (polyoxyethylene adj alkyl adj phenyl adj ether) or (polyoxyethylene-polyoxypropylene) or (polyoxyethylene polyoxypropylene alkyl ether) or (polyoxyethylene glycerine fatty acid ester) or (polyoxyethylene sorbitan fatty acid ester) or (polyethylene glycol fatty acid ester) or (polyglyceryl fatty acid ester) or (sorbitan fatty acid ester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/04/03 11:42
S60	1	("20010037818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:43
S61	1	("6676766").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:44
S62	5	("5009240"   "5035750"   "5081068"   "5147466").PN. OR ("6676766").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 11:44
S63	180	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:51
S64	5145	((zeta near2 potential) or electrostatic\$4 or charge\$1) and (liquid or fluid) and pH and (viscosity or viscous or (shear\$3 with stress) or suspend\$3 or (shear\$3 with flow)) and (scrub\$4 or clean\$3 or wash\$3 or (remov\$3 with (contaminant or particle or debris))) and (wafer or photomask or (Levenson with mask) or lithography or (fine\$4 with pattern\$2) or fragile or (pattern\$2 with (substrate or photomask or wafer))) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:48
S65	182685	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300") adj mPa) adn S59	USPAT	OR	ON	2007/04/03 12:49

## EAST Search History

S66	111	(clean\$3 or wash\$3) and (fluid or liquid or agent) with (high with (viscosity or viscous)) with (substrate or wafer or semiconductor) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:48
S67	130	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300") adj mPa) and S59	USPAT	OR	ON	2007/04/03 12:04
S68	2	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2) and S59 and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:51
S69	180	(zeta with potential) and (liquid or fluid) and pH and viscosity and substrate and (clean\$3 or wash\$3) and (photomask or (fine\$4 with pattern\$2) or pattern\$2) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:51
S70	57	(zeta with potential) and (liquid or fluid) and ((basic or alkaline) with pH) and (viscous or viscosity) and substrate and (clean\$3 or wash\$3) and (photomask or pattern\$2) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:54
S71	57	(zeta with potential) and (liquid or fluid or detergent) and ((basic or alkaline) with pH) and (viscous or viscosity) and substrate and (clean\$3 or wash\$3) and (photomask or pattern\$2) and S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:54
S72	295	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300" or "50") adj mPa) and S59 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:05
S73	108223	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300" or "50") adj mPa) and S59 and (pH adj ("7" or "10")) or (pH with (alkaline or basic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:28
S74	121	(clean\$3 or wash\$3) and (fluid or liquid) and (viscosity or viscous) with (("700" or "200" or "300" or "50") adj mPa) and S59 and ((pH adj ("7" or "10")) or (pH with (alkaline or basic)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:13

## EAST Search History

S75	1545	(clean\$3 or wash\$3) and (fluid or liquid) and ((viscosity or viscous) with mPa) and S59 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:14
S76	1732	(clean\$3 or wash\$3) and (fluid or liquid or water or detergent or agent) and ((viscosity or viscous) with mPa) and S59 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:18
S77	1545	(clean\$3 or wash\$3) and (fluid or liquid or (liquid near2 detergent) or toothpaste) and ((viscosity or viscous) with mPa) and S59 and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:19
S78	764	(clean\$3 or wash\$3) and (fluid or liquid or (liquid near2 detergent) or toothpaste) and ((viscosity or viscous) with mPa) and S59 and pH	USPAT; EPO	OR	ON	2007/04/03 12:20
S79	495	(clean\$3 or wash\$3) with high\$2 with (viscous or viscosity) with (fluid or liquid)	USPAT; EPO	OR	ON	2007/04/03 12:21
S80	1177	(clean\$3 or wash\$3) with high\$2 with (viscous or viscosity) with (fluid or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:21
S81	39	(clean\$3 or wash\$3) with high\$2 with (viscous or viscosity) with (fluid or liquid) and pH and mPa	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:21
S82	0	(clean\$3 or wash\$3) with high\$2 with (viscous or viscosity) with (fluid or liquid) and pH and mPa and zeta-potential and (nonionic with surfactant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:52
S83	1	("6121227").URPN.	USPAT	OR	OFF	2007/04/04 10:52
S84	5	("4285841"   "4507219"   "5244593"   "5258142").PN. OR ("6121227").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 12:39
S85	1	("6730239").PN.	USPAT; USOCR	OR	OFF	2007/04/03 12:39
S86	0	("6730239").URPN.	USPAT	OR	OFF	2007/04/03 12:39

## EAST Search History

S87	5	("5614027"   "5715173"   "5814588"   "6007638"   "6472357").PN. OR ("6730239").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 12:39
S88	437	(clean\$3 or wash\$3) and (fluid or liquid or (liquid with detergent)) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 14:23
S89	3	(clean\$3 or wash\$3) and (fluid or liquid or (liquid with detergent)) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:53
S90	3	(clean\$3 or wash\$3) and (fluid or liquid or (liquid with (soap or detergent))) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 12:53
S91	717	(clean\$3 or wash\$3) and (fluid or liquid or (liquid with detergent)) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 14:26
S92	6	(clean\$3 or wash\$3) and (fluid or liquid or (liquid with detergent)) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa\$2) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 14:25
S93	87	(clean\$3 or wash\$3).ab. and (fluid or liquid or (liquid with detergent)) and (viscosity or viscous) with (("200" or "250" or "300") adj mPa\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:46
S94	1	(clean\$3 or wash\$3) with (viscosity or viscous) with photomask and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:46
S95	1	(clean\$3 or wash\$3) with (viscosity or viscous) with (photomask or lithography) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:47
S96	2	(clean\$3 or wash\$3) with (viscosity or viscous) same (photomask or lithography) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:47

## EAST Search History

S97	17	(clean\$3 or wash\$3) with (viscosity or viscous) same (photomask or lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:10
S98	100	(clean\$3 or wash\$3) same (viscosity or viscous) same (photomask or lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:52
S99	111	(clean\$3 or wash\$3 or rins\$4 or decontaminate) same (viscosity or viscous) same (photomask or lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:54
S10 0	129	(clean\$3 or wash\$3 or rins\$4 or decontaminate) same (viscosity or viscous) same (photomask or \$5lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:55
S10 1	614	(clean\$3 or wash\$3 or rins\$4 or decontaminate) same (viscosity or viscous) same (photoreticle or mask or reticle or photomask or \$5lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:56
S10 2	122	(clean\$3 or wash\$3 or rins\$4 or decontaminate) same (viscosity or viscous) with (photoreticle or mask or reticle or photomask or \$5lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:56
S10 3	51	(clean\$3 or wash\$3 or rins\$4 or decontaminate) with (viscosity or viscous) with (photoreticle or mask or reticle or photomask or \$5lithography)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 15:57
S10 4	2	(clean\$3 or wash\$3 or rins\$4 or decontaminate) with (viscosity or viscous) with (photoreticle or mask or reticle or photomask or \$5lithography) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:22
S10 5	160	(clean\$3 or wash\$3 or rins\$4 or decontaminate) with (photoreticle or mask or reticle or photomask or \$5lithography) and pH and "134". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:22
S10 6	161	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or mask or reticle or photomask or \$5lithography) and pH and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:27



## EAST Search History

S10 7	0	("20040029388" "20040103919" "20050274393" "20060042651" "20060054181" "20060107970" "5944907" "6551409" "6869487").PN.).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 16:25
S10 8	9	("20040029388" "20040103919" "20050274393" "20060042651" "20060054181" "20060107970" "5944907" "6551409" "6869487").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/03 16:25
S10 9	43	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) and pH and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:29
S11 0	5	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) and pH and "134".clas. and (viscosity or viscous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:36
S11 1	8	("0035762" "20030084925" "5796111" "6265025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:32
S11 2	43	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) and pH and "134".clas. and (pH or (viscosity or viscous or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4 or thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:11
S11 3	318	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) and pH and (pH or (viscosity or viscous or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4 or thick))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:39
S11 4	5	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) with (viscosity or viscous or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4 or thick) and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:41

## EAST Search History

S11 5	7	(clean\$3 or wash\$3 or rins\$4 or decontaminat\$3) with (photoreticle or reticle or photomask or photolithography) same (viscosity or viscous or viscid or gluey or mucilaginous or viscid or viscose or glutinous\$4) and ((zeta near2 potential) or alkalkine or pH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 11:07
S11 6	128	(photoreticle or reticle or photomask or photolithography) same (viscosity or viscous or viscid or gluey or mucilaginous or viscid or viscose or glutinous\$4) and ((zeta near2 potential) or alkalkine or pH)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:43
S11 7	132	(photoreticle or reticle or photomask or photolithography) with (viscosity or viscous or viscid or gluey or mucilaginous or viscid or viscose or glutinous\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:43
S11 8	1	(photoreticle or reticle or photomask or photolithography) with (viscosity or viscous or viscid or gluey or mucilaginous or viscid or viscose or glutinous\$4) and "134".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 16:46
S11 9	1	("20010037818").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 16:56
S12 0	1	("5634230").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 16:56
S12 1	61	("3877371"   "4470508"   "4486238"   "4606747"   "4677704"   "4715392"   "4737387"   "4744833"   "4776462"   "4811443"   "4853922"   "4980536"   "5000203"   "5023424"   "5085899"   "5098501"   "5125040"   "5168001"   "5314068"   "5350428"   "5353934"   "5361453").PN. OR ("5634230").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 16:56

## EAST Search History

S12 2	61	("3877371"   "4470508"   "4486238"   "4606747"   "4677704"   "4715392"   "4737387"   "4744833"   "4776462"   "4811443"   "4853922"   "4980536"   "5000203"   "5023424"   "5085899"   "5098501"   "5125040"   "5168001"   "5314068"   "5350428"   "5353934"   "5361453").PN. OR ("5634230").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 16:57
S12 3	43	("4208760"   "4282825"   "4315705"   "4427332"   "4449885"   "4466766"   "4500407"   "4520834").PN. OR ("4715392").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/03 17:00
S12 4	292	photomask with clean\$3 with (fluid or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 17:05
S12 5	16	photomask with clean\$3 with (fluid or liquid) and pH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 17:04
S12 6	4	photomask with clean\$3 with (fluid or liquid) and pH and (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 17:05
S12 7	31	photomask with clean\$3 with (fluid or liquid) and (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/04 10:22
S12 8	4	photomask with clean\$3 with (fluid or liquid) with (viscous or viscosity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 17:05
S12 9	31	photomask with clean\$3 with (fluid or liquid) and (viscous or viscosity or viscosity or gluey or mucilaginous or viscid or viscose or glutinous\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 17:18